

WELL NAME: Conover "B" #2
OPERATOR: Anadarko Petroleum Corp
LOCATION: Sec 22 Rge 31S Twp 34W
Seward County Kansas
DATE: 03/03/96

TRILOBITE TESTING L.L.C.

OPERATOR : Anadarko Petr. Corp.

DATE 3-3-96

WELL NAME: Conover B #2

KB 2851.00 ft

TICKET NO: 8846

DST #1

LOCATION : 22-31S-34W, Seward Cty KS

GR 2840.00 ft

FORMATION: Chester

INTERVAL : 5555.00 To 5595.00 ft

TD 5595.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2346			PF Fr. 1728 to 1758 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1758 to 1858 hr
SF 60 Clock(hrs)	AK-1	AK-1	Alpin			SF Fr. 1858 to 1958 hr
FS 120 Depth(ft)	5590.0	5590.0	5560.0	0.0	0.0	FS Fr. 1958 to 2158 hr

	Field	1	2	3	4	
A. Init Hydro	2721.0	2730.0	2663.0	0.0	0.0	T STARTED 1359 hr
B. First Flow	124.0	131.0	72.0	0.0	0.0	T ON BOTM 1725 hr
B1. Final Flow	135.0	135.0	86.0	0.0	0.0	T OPEN 1728 hr
C. In Shut-in	929.0	929.0	915.0	0.0	0.0	T PULLED 2158 hr
D. Init Flow	166.0	155.0	88.0	0.0	0.0	T OUT 0030 hr
E. Final Flow	166.0	158.0	106.0	0.0	0.0	
F. Fl Shut-in	1361.0	1365.0	1344.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2632.0	2641.0	2590.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 96000.00 lbs
						Unseated Str Wt 98000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 646.00 ft
						D.P. Length 4908.00 ft

RECOVERY

Tot Fluid 185.00 ft of 185.00 ft in DC and 0.00 ft in DP
 95.00 ft of Drlg. Mud w/oil spots
 90.00 ft of Slightly gassy oil cut mud -
 15% gas, 10% oil, 75% mud

RW 2.4 @ 70 F

SALINITY 2500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Picked up 3" blow sliding 10' to
 bottom, blow decreased to 2" then
 built to 5" at final

Initial Shutin -
 Bled off blow, no return

Final Flow -
 Weak to fair blow, slowly built off
 bottom in 7.5 min

Final Shutin -
 Bled off blow, no return

SAMPLES:

SENT TO:

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	46.00 S/L
W.L.	9.50 in3
F.C.	0.00 in
Mud Drop N	

Amt. of fill	10.00 ft
Btm. H. Temp.	137.00 F
Hole Condition	Fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased Y	10.00 ft
Tester	Rod Steinbrink
Co. Rep.	John Shilling
Contr.	Norseman
Rig #	#1
Unit #	
Pump T.	

E

CALCULATED RECOVERY ANALYSIS - DRILL COLLARS
DST # 1 TICKE 8846

SAMPLE #	TOTAL FEET	GAS %	FEET	OIL %	FEET	WAT %	FEET	MUD %	FEET
1	95		0		0		0	100	95
2	90	15	13.5	10	9		0	75	67.5
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	185	7.30	13.5	4.86	9	0.00	0	87.838	163

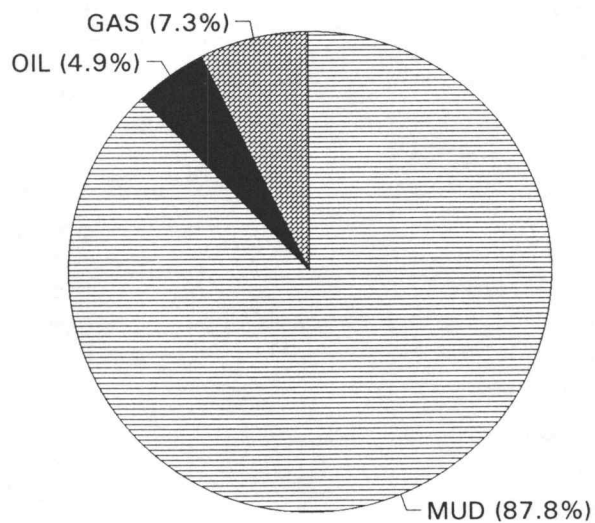
HRS BBL/DAY

BBL OIL= 0.044 * 1.5 0.7042

BBL WATE 0 * 0

BBL MUD= 0.7946

BBL GAS= 0.066



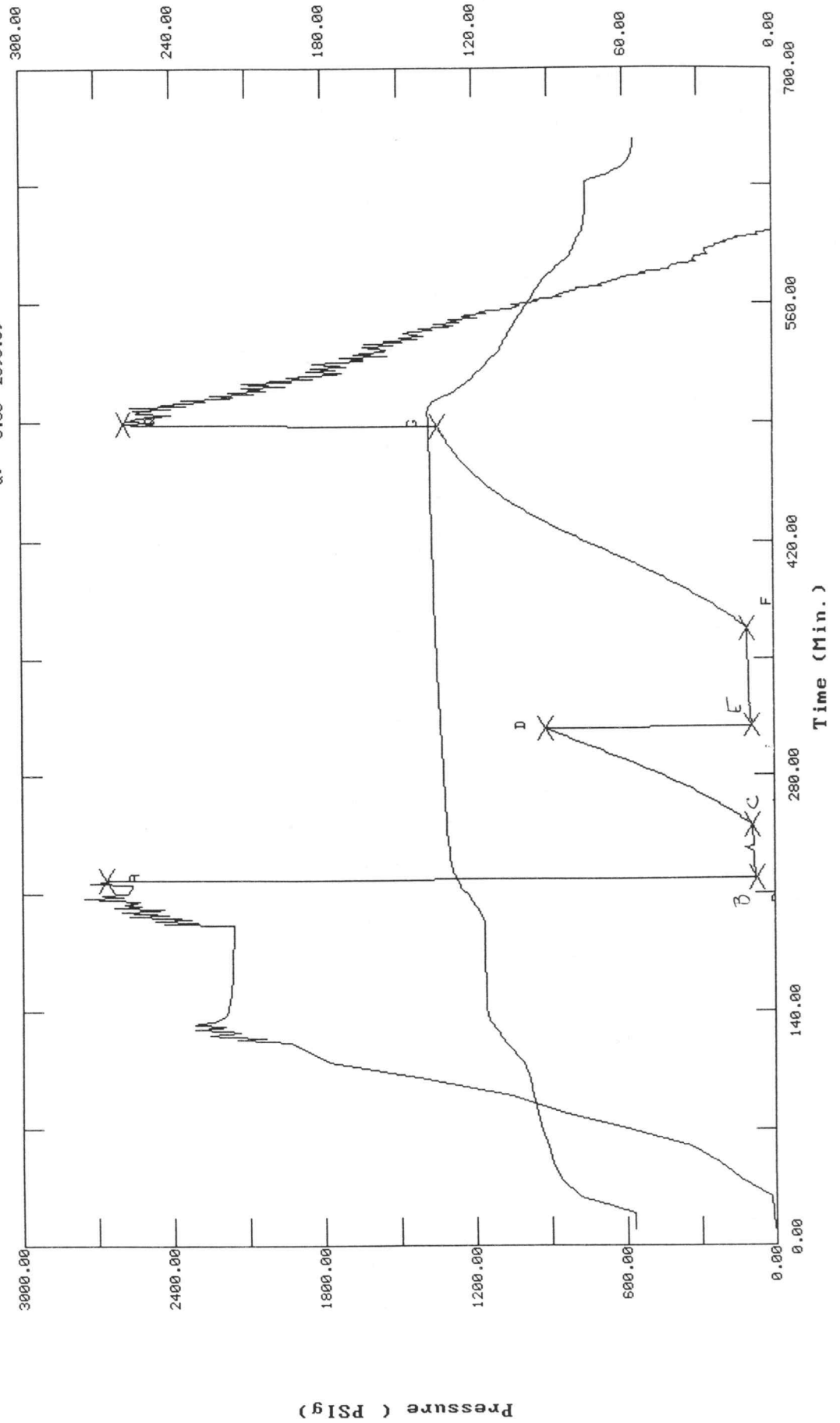
TEST HISTORY

8846 DST #1 Conover B #2 Anadarko

Flag Points

t(Min.) P(PSig)

A: 0.00 2663.27
 B: 0.00 72.42
 C: 31.00 86.10
 D: 59.00 915.48
 E: 0.00 88.45
 F: 58.00 106.24
 G: 119.00 1344.10
 Q: 0.00 2590.09



This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8846 DST #1 Conover B #2 Anadarko

DATE: 03/03/96

TIME: 14:00:26

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	218.00	2663.3	0.0	126.93		
***** Start Flow 1	0.00	72.4	0.0	127.22		
	1.00	73.6	1.2	127.62		
	2.00	74.4	2.0	127.96		
	3.00	75.9	3.4	128.36		
	4.00	76.7	4.3	128.69		
	5.00	78.2	5.8	128.98		
	6.00	79.8	7.4	129.21		
	7.00	80.7	8.3	129.31		
	8.00	82.0	9.6	129.52		
	9.00	82.7	10.2	129.68		
	10.00	80.8	8.4	129.81		
	11.00	80.3	7.9	129.89		
	12.00	79.0	6.5	129.99		
	13.00	82.7	10.2	130.07		
	14.00	79.9	7.5	130.15		
	15.00	83.1	10.7	130.23		
	16.00	93.6	21.1	130.31		
	17.00	105.6	33.2	130.35		
	18.00	117.7	45.2	130.39		
	19.00	82.3	9.9	130.43		
	20.00	82.3	9.9	130.52		
	21.00	82.5	10.1	130.63		
	22.00	83.0	10.6	130.73		
	23.00	84.4	12.0	130.83		
	24.00	84.3	11.8	130.92		
	25.00	85.0	12.6	130.98		
	26.00	84.8	12.3	131.05		
	27.00	85.2	12.8	131.12		
	28.00	85.4	13.0	131.19		
	29.00	85.8	13.3	131.25		
	30.00	85.8	13.3	131.31		
***** End Flow 1	31.00	86.1	13.7	131.37		
***** Start Shutin 1	0.00	86.1	0.0	131.37	0.0000	0.007
	1.00	96.7	10.6	131.45	32.0000	0.009
	2.00	107.0	20.9	131.53	16.5000	0.011
	3.00	117.2	31.1	131.58	11.3333	0.014
	4.00	127.1	41.0	131.58	8.7500	0.016
	5.00	137.5	51.4	131.58	7.2000	0.019
	6.00	147.7	61.6	131.59	6.1667	0.022
	7.00	157.8	71.7	131.58	5.4286	0.025
	8.00	167.9	81.8	131.60	4.8750	0.028
	9.00	178.3	92.2	131.66	4.4444	0.032
	10.00	189.6	103.5	131.71	4.1000	0.036
	11.00	200.7	114.6	131.75	3.8182	0.040
	12.00	211.7	125.6	131.79	3.5833	0.045
	13.00	222.8	136.7	131.84	3.3846	0.050
	14.00	235.0	148.9	131.87	3.2143	0.055
	15.00	247.4	161.3	131.91	3.0667	0.061
	16.00	259.5	173.4	131.95	2.9375	0.067
	17.00	271.6	185.5	131.99	2.8235	0.074

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8846 DST #1 Conover B #2 Anadarko

DATE: 03/03/96

TIME: 14:00:26

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	18.00	283.8	197.7	132.02	2.7222	0.081
	19.00	296.3	210.2	132.07	2.6316	0.088
	20.00	309.0	222.9	132.10	2.5500	0.095
	21.00	321.9	235.8	132.13	2.4762	0.104
	22.00	335.0	248.9	132.18	2.4091	0.112
	23.00	348.5	262.4	132.21	2.3478	0.121
	24.00	362.2	276.1	132.25	2.2917	0.131
	25.00	376.2	290.1	132.28	2.2400	0.142
	26.00	390.3	304.2	132.33	2.1923	0.152
	27.00	404.6	318.5	132.35	2.1481	0.164
	28.00	418.9	332.8	132.39	2.1071	0.175
	29.00	433.5	347.4	132.43	2.0690	0.188
	30.00	448.2	362.1	132.48	2.0333	0.201
	31.00	462.9	376.8	132.52	2.0000	0.214
	32.00	477.6	391.5	132.55	1.9688	0.228
	33.00	492.8	406.7	132.59	1.9394	0.243
	34.00	508.2	422.1	132.64	1.9118	0.258
	35.00	523.7	437.6	132.67	1.8857	0.274
	36.00	539.3	453.2	132.72	1.8611	0.291
	37.00	556.0	469.9	132.75	1.8378	0.309
	38.00	573.1	487.0	132.77	1.8158	0.328
	39.00	590.3	504.2	132.79	1.7949	0.348
	40.00	607.4	521.3	132.83	1.7750	0.369
	41.00	623.9	537.8	132.87	1.7561	0.389
	42.00	640.6	554.5	132.91	1.7381	0.410
	43.00	657.5	571.4	132.96	1.7209	0.432
	44.00	674.4	588.3	132.99	1.7045	0.455
	45.00	691.1	605.0	133.03	1.6889	0.478
	46.00	707.9	621.8	133.06	1.6739	0.501
	47.00	725.0	638.9	133.10	1.6596	0.526
	48.00	741.5	655.4	133.15	1.6458	0.550
	49.00	758.4	672.3	133.19	1.6327	0.575
	50.00	775.1	689.0	133.24	1.6200	0.601
	51.00	791.5	705.4	133.28	1.6078	0.626
	52.00	807.8	721.7	133.33	1.5962	0.653
	53.00	824.0	737.9	133.37	1.5849	0.679
	54.00	839.9	753.8	133.41	1.5741	0.706
	55.00	856.1	770.0	133.45	1.5636	0.733
	56.00	872.0	785.9	133.49	1.5536	0.760
	57.00	887.7	801.6	133.51	1.5439	0.788
	58.00	903.1	817.0	133.57	1.5345	0.816
***** End Shut-in 1	59.00	915.5	829.4	133.61	1.5254	0.838
***** Start Flow 2	0.00	88.5	0.0	133.63		
	1.00	82.2	-6.3	133.65		
	2.00	89.9	1.4	133.66		
	3.00	90.7	2.3	133.71		
	4.00	91.9	3.4	133.74		
	5.00	91.9	3.4	133.79		
	6.00	92.6	4.2	133.83		
	7.00	93.2	4.8	133.89		
	8.00	93.6	5.1	133.93		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8846 DST #1 Conover B #2 Anadarko

DATE: 03/03/96

TIME: 14:00:26

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.00	94.7	6.2	133.98		
	10.00	95.5	7.0	134.03		
	11.00	95.9	7.5	134.07		
	12.00	98.5	10.1	134.12		
	13.00	96.5	8.1	134.16		
	14.00	97.3	8.8	134.20		
	15.00	97.7	9.2	134.28		
	16.00	97.8	9.3	134.30		
	17.00	98.0	9.6	134.30		
	18.00	98.4	9.9	134.32		
	19.00	98.4	10	134.36		
	20.00	98.9	10.5	134.41		
	21.00	99.0	10.6	134.44		
	22.00	99.3	10.8	134.48		
	23.00	99.8	11.4	134.51		
	24.00	99.8	11.4	134.53		
	25.00	99.8	11.3	134.57		
	26.00	100.0	11.6	134.61		
	27.00	100.1	11.7	134.64		
	28.00	100.4	11.9	134.67		
	29.00	100.5	12.0	134.70		
	30.00	100.9	12.4	134.74		
	31.00	101.0	12.6	134.78		
	32.00	101.1	12.7	134.80		
	33.00	101.4	12.9	134.84		
	34.00	101.5	13.0	134.87		
	35.00	101.7	13.3	134.90		
	36.00	102.0	13.6	134.92		
	37.00	102.0	13.5	134.95		
	38.00	102.6	14.1	134.99		
	39.00	102.7	14.3	135.00		
	40.00	102.8	14.4	135.04		
	41.00	103.0	14.5	135.07		
	42.00	103.0	14.5	135.09		
	43.00	103.2	14.8	135.13		
	44.00	103.3	14.9	135.15		
	45.00	103.5	15.0	135.17		
	46.00	104.1	15.6	135.21		
	47.00	103.8	15.4	135.24		
	48.00	104.5	16.0	135.27		
	49.00	104.4	15.9	135.30		
	50.00	105.0	16.5	135.33		
	51.00	105.1	16.6	135.36		
	52.00	105.2	16.7	135.39		
	53.00	105.2	16.8	135.42		
	54.00	105.7	17.2	135.45		
	55.00	105.8	17.4	135.49		
	56.00	105.9	17.5	135.50		
	57.00	106.1	17.6	135.54		
***** End Flow 2	58.00	106.2	17.8	135.57		
***** Start Shutin 2	0.00	106.2	0.0	135.57	0.0000	0.011

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8846 DST #1 Conover B #2 Anadarko

DATE: 03/03/96

TIME: 14:00:26

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	108.3	2.1	135.61	90.0000	0.012
2.00	118.5	12.3	135.63	45.5000	0.014
3.00	128.0	21.7	135.66	30.6667	0.016
4.00	137.3	31.1	135.71	23.2500	0.019
5.00	146.8	40.5	135.72	18.8000	0.022
6.00	156.3	50.1	135.74	15.8333	0.024
7.00	166.0	59.8	135.77	13.7143	0.028
8.00	175.7	69.5	135.81	12.1250	0.031
9.00	185.8	79.6	135.85	10.8889	0.035
10.00	195.9	89.6	135.87	9.9000	0.038
11.00	206.4	100.1	135.90	9.0909	0.043
12.00	216.9	110.7	135.93	8.4167	0.047
13.00	227.6	121.4	135.96	7.8462	0.052
14.00	238.5	132.3	136.00	7.3571	0.057
15.00	249.7	143.4	136.04	6.9333	0.062
16.00	260.9	154.7	136.09	6.5625	0.068
17.00	272.4	166.2	136.16	6.2353	0.074
18.00	284.2	177.9	136.22	5.9444	0.081
19.00	296.0	189.8	136.30	5.6842	0.088
20.00	308.1	201.8	136.32	5.4500	0.095
21.00	320.3	214.0	136.32	5.2381	0.103
22.00	332.7	226.4	136.32	5.0455	0.111
23.00	345.3	239.0	136.32	4.8696	0.119
24.00	357.8	251.5	136.32	4.7083	0.128
25.00	370.6	264.4	136.32	4.5600	0.137
26.00	383.5	277.2	136.33	4.4231	0.147
27.00	396.5	290.2	136.33	4.2963	0.157
28.00	409.8	303.6	136.33	4.1786	0.168
29.00	423.1	316.8	136.33	4.0690	0.179
30.00	436.7	330.4	136.33	3.9667	0.191
31.00	450.3	344.1	136.33	3.8710	0.203
32.00	464.2	358.0	136.33	3.7812	0.215
33.00	478.2	372.0	136.33	3.6970	0.229
34.00	492.1	385.9	136.35	3.6176	0.242
35.00	506.2	399.9	136.34	3.5429	0.256
36.00	520.3	414.1	136.36	3.4722	0.271
37.00	534.6	428.4	136.36	3.4054	0.286
38.00	549.0	442.8	136.36	3.3421	0.301
39.00	563.4	457.2	136.37	3.2821	0.317
40.00	577.9	471.7	136.40	3.2250	0.334
41.00	592.4	486.2	136.42	3.1707	0.351
42.00	607.0	500.8	136.45	3.1190	0.368
43.00	621.6	515.4	136.51	3.0698	0.386
44.00	636.2	530.0	136.55	3.0227	0.405
45.00	650.9	544.7	136.56	2.9778	0.424
46.00	665.9	559.6	136.60	2.9348	0.443
47.00	680.7	574.5	136.62	2.8936	0.463
48.00	695.5	589.3	136.66	2.8542	0.484
49.00	710.4	604.2	136.67	2.8163	0.505
50.00	725.3	619.1	136.70	2.7800	0.526
51.00	740.2	634.0	136.72	2.7451	0.548

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
52.00	755.0	648.8	136.74	2.7115	0.570
53.00	770.2	664.0	136.76	2.6792	0.593
54.00	784.7	678.5	136.79	2.6481	0.616
55.00	799.2	693.0	136.81	2.6182	0.639
56.00	813.8	707.5	136.83	2.5893	0.662
57.00	828.1	721.9	136.84	2.5614	0.686
58.00	842.3	736.0	136.85	2.5345	0.709
59.00	856.2	750.0	136.88	2.5085	0.733
60.00	869.9	763.7	136.89	2.4833	0.757
61.00	883.5	777.3	136.92	2.4590	0.781
62.00	896.8	790.5	136.93	2.4355	0.804
63.00	910.0	803.8	136.95	2.4127	0.828
64.00	923.1	816.9	136.97	2.3906	0.852
65.00	936.0	829.8	136.99	2.3692	0.876
66.00	948.7	842.5	137.00	2.3485	0.900
67.00	961.2	855.0	137.02	2.3284	0.924
68.00	973.4	867.1	137.04	2.3088	0.947
69.00	985.3	879.1	137.05	2.2899	0.971
70.00	997.0	890.7	137.08	2.2714	0.994
71.00	1008.5	902.2	137.10	2.2535	1.017
72.00	1019.6	913.4	137.11	2.2361	1.040
73.00	1030.5	924.3	137.13	2.2192	1.062
74.00	1041.3	935.0	137.16	2.2027	1.084
75.00	1051.9	945.6	137.17	2.1867	1.106
76.00	1062.1	955.9	137.19	2.1711	1.128
77.00	1072.2	965.9	137.21	2.1558	1.150
78.00	1082.2	975.9	137.21	2.1410	1.171
79.00	1091.8	985.6	137.24	2.1266	1.192
80.00	1101.4	995.1	137.26	2.1125	1.213
81.00	1110.7	1004.4	137.28	2.0988	1.234
82.00	1119.8	1013.6	137.28	2.0854	1.254
83.00	1128.8	1022.6	137.31	2.0723	1.274
84.00	1137.5	1031.3	137.32	2.0595	1.294
85.00	1145.9	1039.7	137.34	2.0471	1.313
86.00	1154.3	1048.1	137.35	2.0349	1.332
87.00	1162.3	1056.1	137.36	2.0230	1.351
88.00	1170.3	1064.0	137.39	2.0114	1.370
89.00	1178.1	1071.8	137.40	2.0000	1.388
90.00	1185.8	1079.6	137.42	1.9889	1.406
91.00	1193.2	1086.9	137.43	1.9780	1.424
92.00	1200.3	1094.1	137.44	1.9674	1.441
93.00	1207.5	1101.2	137.45	1.9570	1.458
94.00	1214.4	1108.2	137.48	1.9468	1.475
95.00	1221.1	1114.9	137.50	1.9368	1.491
96.00	1227.7	1121.4	137.51	1.9271	1.507
97.00	1234.2	1127.9	137.52	1.9175	1.523
98.00	1240.4	1134.1	137.53	1.9082	1.538
99.00	1246.6	1140.3	137.56	1.8990	1.554
100.00	1252.6	1146.4	137.57	1.8900	1.569
101.00	1258.6	1152.3	137.58	1.8812	1.584
102.00	1264.3	1158.0	137.60	1.8725	1.598

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8846 DST #1 Conover B #2 Anadarko

DATE: 03/03/96

TIME: 14:00:26

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	103.00	1269.9	1163.7	137.63	1.8641	1.613
	104.00	1275.5	1169.3	137.64	1.8558	1.627
	105.00	1280.8	1174.6	137.65	1.8476	1.640
	106.00	1286.1	1179.9	137.66	1.8396	1.654
	107.00	1291.1	1184.8	137.67	1.8318	1.667
	108.00	1295.7	1189.4	137.68	1.8241	1.679
	109.00	1300.4	1194.1	137.69	1.8165	1.691
	110.00	1305.2	1199.0	137.71	1.8091	1.704
	111.00	1309.9	1203.6	137.72	1.8018	1.716
	112.00	1314.5	1208.2	137.73	1.7946	1.728
	113.00	1318.9	1212.7	137.76	1.7876	1.740
	114.00	1323.2	1217.0	137.76	1.7807	1.751
	115.00	1327.6	1221.3	137.80	1.7739	1.762
	116.00	1331.8	1225.5	137.80	1.7672	1.774
	117.00	1336.0	1229.7	137.81	1.7607	1.785
	118.00	1340.0	1233.7	137.84	1.7542	1.796
***** End Shut-in 2	119.00	1344.1	1237.9	137.85	1.7479	1.807
***** Final Hydro.	489.00	2590.1	0.0	137.93		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Conover B #2

LOCATION : 22-31S-34W, Seward Cty KS

TICKET No. 8846 D.S.T. No. 1 DATE 3-3-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 40

TOTAL TOOL 67

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 67

D.C. ABOVE TOOLS.Stands7 Single Total 646

D.P. ABOVE TOOLS.Stands53 Single Total 4908

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5621

TOTAL DEPTH 5613

TOTAL DRILL PIPE ABOVE K.B. 8

REMARKS:

P.O. SUB 7' above 90' DC.	5438
C.O. SUB 1'	5528
S.I. TOOL 5'	5534
HMV 5'	5539
JARS 5'	5544
SAFETY JOINT 2'	5546
PACKER 5'	5550
PACKER 5'	5555
DEPTH	
STUBB 1'	5556
ANCHOR	
Alpine recorder	5559
T.C.	
DEPTH	
34' Perf	5590
AK-1 recorder	5590
BULLNOSE 5'	
T.D.	5595

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 8846

Test Ticket

Well Name & No.	<u>Conover #B-2</u>		Test No.	<u>1</u>	Date	<u>3-3-96</u>
Company	<u>Anadarko Petroleum Corporation</u>		Zone Tested	<u>Chester</u>		
Address	<u>P.O. Box 351 Liberal, KS 67905-0351</u>		Elevation	<u>2851</u>	KB	<u>2840</u> GL
Co. Rep / Geo.	<u>John Schilling</u>	Cont.	<u>Norseman #1</u>	Est. Ft. of Pay	<u>5'</u>	Por. <u> </u> %
Location: Sec.	<u>22</u>	Twp.	<u>31^S</u>	Rge.	<u>34^W</u>	Co. <u>Seward</u> State <u>KS.</u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u>Y</u>	Turnkey (Y, N)	<u>N</u>	Evaluation (Y, N) <u> </u>

Interval Tested	<u>5555 - 5595</u>	Initial Str Wt./Lbs.	<u>96,000</u>	Unseated Str Wt./Lbs.	<u>98,000</u>
Anchor Length	<u>40'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>130,000</u>
Top Packer Depth	<u>5550</u>	Hole Size — 7 7/8"	<u> </u>	Rubber Size — 6 3/4"	<u> </u>
Bottom Packer Depth	<u>5555</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u> </u>	<u> </u>	<u> </u>
Total Depth	<u>5595</u>	Drill Collar — 2.25 Ft. Run	<u>4 1/2" XH</u>	<u>646'</u>	<u> </u>
Mud Wt. <u>9.0</u> LCM <u>4#</u> Vis. <u>46</u> WL <u>9.5</u>		Drill Pipe Size	<u>4 1/2" XH</u>	Ft. Run	<u>4908'</u>
Blow Description <u>3" blow from sliding tool 10' decreased to 2" then built to 5" blow. ISI: Bled off blow - no return.</u>					
<u>FF: Weak to fair blow off btm. in 7 1/2 mins.</u>					
<u>FSI: Bled off blow - no return.</u>					

Recovery — Total Feet	<u>185'</u>	Ft. in DC	<u>185'</u>	Ft. in WP	<u> </u>	Ft. in DP	<u> </u>
Rec. <u>95'</u>	Feet Of	<u>Drlg. Mud w/ Oil Spots</u>	%gas	%oil	%water	%mud	
Rec. <u>90'</u>	Feet Of	<u>SG OCM</u>	<u>15</u> %gas	<u>10</u> %oil	<u> </u> %water	<u>85</u> %mud	
Rec. <u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud	
Rec. <u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud	
Rec. <u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud	

BHT 137° °F Gravity °API D@ °F Corrected Gravity °API

RW 2.4 @ 15° °F Chlorides 2,500 ppm Recovery Chlorides 2,200 ppm System

(A) Initial Hydrostatic Mud	<u>2721</u>	<u>2663</u> PSI	Recorder No.	<u>2346</u>	T-Started	<u>1359</u>
(B) First Initial Flow Pressure	<u>124</u>	<u>72</u> PSI	@ (depth)	<u>5560</u>	T-Open	<u>1728</u>
(C) First Final Flow Pressure	<u>135</u>	<u>86</u> PSI	Recorder No.	<u>13339</u>	T-Pulled	<u> </u>
(D) Initial Shut-in Pressure	<u>929</u>	<u>915</u> PSI	@ (depth)	<u>5590</u>	T-Out	<u>0030</u>
(E) Second Initial Flow Pressure	<u>166</u>	<u>88</u> PSI	Recorder No.	<u> </u>	<u> </u>	<u> </u>
(F) Second Final Flow Pressure	<u>166</u>	<u>106</u> PSI	@ (depth)	<u> </u>	<u> </u>	<u> </u>
(G) Final Shut-in Pressure	<u>1361</u>	<u>1344</u> PSI	Initial Opening	<u>30</u>	Test	<u>700</u>
(H) Final Hydrostatic Mud	<u>2632</u>	<u>2590</u> PSI	Initial Shut-in	<u>60</u>	Jars	<u>X 200</u>
<u>AK-1 Mech</u>	<u>Alp. Elec.</u>	Final Flow	<u>60</u>	Safety Joint	<u>X 50</u>	<u> </u>
		Final Shut-in	<u>120</u>	Straddle	<u> </u>	<u> </u>
				Circ. Sub	<u>X N/C</u>	<u> </u>
				Sampler	<u> </u>	<u> </u>
				Extra Packer	<u> </u>	<u> </u>
				Elect. Rec.	<u>X 150</u>	<u> </u>
				Other	<u> </u>	<u> </u>

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Approved By John Steen

Our Representative Rod Steinbrink

TOTAL PRICE \$ 1100

(9)